

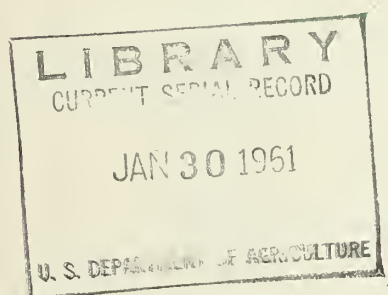
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UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

X Tables on Hatchery and Flock Participation in the
National Turkey Improvement Plan
by States and Divisions, 1958-59 and 1959-60 and
U. S. Summary 1954-55 to date X



HIGHLIGHTS

Fewer hatcheries participated in the Plan this year but the average capacity per hatchery increased to a new high of 95,223 eggs.

An all time high of 99.8 percent of the capacity of participating hatcheries was qualified to produce U. S. Pullorum-Typhoid Clean poults.

For the second consecutive year, all flocks qualified for the U. S. Pullorum-Typhoid Clean classification. The percentage of reactors on the first test reached a new low of .007.

The number of participating flocks continued to decline while the average number of birds per flock increased to a new high of 1,306.

The West North Central Region continues to lead in the number and egg capacity of participating hatcheries and the Western Region in the number of birds in breeding flocks.

Table 1 - Hatchery Participation in the National Turkey Improvement Plan,
by States and Divisions, 1958-59 and 1959-60

State and Division	1958-59		1959-60	
	Number	Egg Capacity	Number	Egg Capacity
Maine	3	85,000	1	54,000
New Hampshire	6	207,209	6	207,209
Vermont	4	44,997	2	41,000
Massachusetts	17	293,490	15	306,525
Rhode Island	1	10,500	2	20,500
Connecticut	13	180,578	9	156,703
New York	17	448,140	15	379,989
New Jersey	9	288,540	7	326,000
Pennsylvania	29	957,875	22	507,905
NORTH ATLANTIC	99	2,516,329	79	1,999,831
Ohio	32	2,476,896	31	2,098,291
Indiana	13	873,000	9	707,000
Illinois	14	977,999	14	895,540
Michigan	10	1,656,669	9	1,553,537
Wisconsin	8	793,350	7	904,000
EAST NORTH CENTRAL	77	6,777,914	70	6,158,368
Minnesota	52	6,751,596	44	5,222,296
Iowa	24	3,086,416	26	3,498,000
Missouri	25	2,356,900	25	2,287,244
North Dakota	7	690,850	4	512,716
South Dakota	3	210,000	3	210,000
Nebraska	12	816,828	10	725,028
Kansas	15	976,753	13	1,043,288
WEST NORTH CENTRAL	138	14,889,343	125	13,498,572
Delaware	--	--	--	--
Maryland	11	279,700	6	154,500
Virginia	14	4,239,795	11	3,550,795
West Virginia	1	64,800	1	64,800
North Carolina	9	594,060	10	712,860
South Carolina	7	547,864	6	560,000
Georgia	5	204,250	3	173,160
Florida	6	197,500	5	171,500
SOUTH ATLANTIC	53	6,127,969	42	5,387,615
Kentucky	3	1,091,800	3	1,410,240
Tennessee	--	--	--	--
Alabama	2	26,955	3	47,250
Mississippi	3	104,940	2	108,402
Arkansas	10	1,584,288	5	1,270,646
Louisiana	2	700,000	--	--
Oklahoma	27	1,341,000	20	1,190,000
Texas	27	2,286,462	19	1,652,822
SOUTH CENTRAL	74	7,135,445	52	5,679,360
Montana	--	--	--	--
Idaho	--	--	--	--
Wyoming	--	--	--	--
Colorado	4	244,335	2	25,335
New Mexico	1	40,000	1	50,000
Arizona	3	37,000	3	37,000
Utah	5	939,000	5	939,000
Washington	7	321,500	5	146,500
Oregon	20	2,484,282	15	2,060,782
California	67	9,600,503	70	8,677,362
WESTERN	107	13,666,620	101	11,935,979
UNITED STATES	548	51,113,620	469	44,659,725

Information in this report was compiled by the Animal Husbandry Research Division,
Agricultural Research Service

Table 2 - Flock Participation in the National Turkey Improvement Plan,
by States and Divisions, 1958-59 and 1959-60

State and Division	1958-59			1959-60		
	Flocks	Birds	Av. birds per flock	Flocks	Birds	Av. birds per flock
Maine	4	2,499	625	1	567	567
New Hampshire	11	14,982	1,362	10	13,628	1,363
Vermont	5	4,200	840	3	1,480	493
Massachusetts	20	14,281	714	18	13,331	741
Rhode Island	1	575	575	2	581	291
Connecticut	3	5,384	1,795	19	27,205	1,432
New York	33	22,688	688	26	20,497	788
New Jersey	16	5,551	347	12	6,736	561
Pennsylvania	22	17,066	776	21	17,765	846
NORTH ATLANTIC	115	87,226	758	112	101,790	909
Ohio	146	216,406	1,482	114	171,175	1,502
Indiana	23	22,407	974	21	15,632	744
Illinois	33	31,082	942	24	28,284	1,178
Michigan	92	93,501	1,016	70	79,016	1,129
Wisconsin	82	100,118	1,221	126	132,979	1,055
EAST NORTH CENTRAL	376	463,514	1,233	355	427,086	1,203
Minnesota	614	590,228	961	566	474,066	838
Iowa	120	194,825	1,624	106	155,150	1,464
Missouri	240	178,475	744	173	147,203	851
North Dakota	35	21,487	614	32	19,615	613
South Dakota	3	3,024	1,008	1	923	923
Nebraska	27	36,455	1,350	20	24,566	1,228
Kansas	53	35,598	672	52	35,921	691
WEST NORTH CENTRAL	1,092	1,060,092	971	950	857,444	903
Delaware	--	--	--	3	811	270
Maryland	20	13,230	662	13	5,003	385
Virginia	428	258,936	605	253	151,701	600
West Virginia	34	15,626	460	24	12,024	501
North Carolina	60	69,846	1,164	60	93,045	1,551
South Carolina	59	47,306	802	54	41,598	770
Georgia	9	10,504	1,167	11	12,784	1,162
Florida	10	14,662	1,466	6	10,120	1,687
SOUTH ATLANTIC	620	430,110	694	424	327,086	771
Kentucky	18	20,297	1,128	17	26,494	1,558
Tennessee	--	--	--	--	--	--
Alabama	10	1,913	191	7	2,999	428
Mississippi	6	4,623	771	2	1,359	680
Arkansas	60	66,767	1,113	32	33,299	1,041
Louisiana	--	--	--	--	--	--
Oklahoma	75	62,493	833	40	47,229	1,181
Texas	250	359,961	1,440	176	232,442	1,321
SOUTH CENTRAL	419	516,054	1,232	274	343,822	1,255
Montana	--	--	--	--	--	--
Idaho	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--
Colorado	7	6,977	997	4	3,063	766
New Mexico	2	1,503	752	2	4,541	2,271
Arizona	4	4,863	1,216	3	3,310	1,103
Utah	30	40,952	1,365	26	46,551	1,790
Washington	20	38,888	1,944	14	27,276	1,948
Oregon	164	231,644	1,412	119	196,842	1,654
California	242	898,561	3,713	200	904,698	4,523
WESTERN	469	1,223,388	2,609	368	1,186,281	3,224
UNITED STATES	3,091	3,780,384	1,223	2,483	3,243,509	1,306

Table 3 - Summary of Hatchery Participation in the National Turkey Improvement Plan,
1954-55 to 1959-60, inclusive

		1954-55	1955-56	1956-57	1957-58	1958-59	1959-60
Number Hatcheries		724	649	647	571	548	469
Hatching Egg Capacity		39,420,800	38,786,111	44,411,692	48,155,859	51,113,620	44,659,725
Percent Increase	No.	-8.35	-10.36	-1.31	-11.75	-4.03	-14.4
or Decrease	Cap.	+5.22	-1.61	+14.5	+8.43	+6.14	-12.6
Av. Cap. per Hatchery		54,449	59,763	68,642	84,336	93,273	95,223
AMS Hatchery Estimate	No.		1,007		906		
	Cap.		52,751,000		56,089,000		
Percent of AMS Estimate Participating	No.		64.5		63.0		
	Cap.		73.5		85.9		
U. S. Approved and Certified 1/	No.	570	534	540	483	465	399
	Cap.	31,955,794	33,693,352	39,706,611	44,040,903	45,937,019	40,202,328
	Per.	81.06	86.87	89.41	91.5	89.9	90.0
Pullorum Classes Only (no breeding stage) 2/	No.	154	115	107	88	83	70
	Cap.	7,465,006	5,092,759	4,705,081	4,114,956	5,176,601	4,457,397
	Per.	18.94	13.13	10.59	8.5	10.1	10.0
U. S. Pullorum-Typhoid Passed 3/	No.	64	36	26	10	7	3
	Cap.	3,436,319	1,359,936	1,222,046	218,365	195,000	80,000
	Per.	8.72	3.51	2.75	.5	.4	.2
U. S. Pullorum-Typhoid Clean 4/	No.	660	613	621	561	541	466
	Cap.	35,984,481	37,426,175	43,189,646	47,937,494	50,918,620	44,579,725
	Per.	91.28	96.49	97.25	99.5	99.6	99.8

1/ Produced U. S. Approved and/or U. S. Certified poults

2/ Produced no U. S. Approved or U. S. Certified poults.

3/ Produced U. S. Pullorum-Typhoid Passed poults

4/ Produced U. S. Pullorum-Typhoid Clean poults

Table 4 - Summary of Flock Participation in the National Turkey Improvement Plan,
1954-55 to 1959-60, inclusive

		1954-55	1955-56	1956-57	1957-58	1958-59	1959-60
Number Flocks		3,621	3,748	3,725	3,135	3,091	2,483
Number Birds		2,765,375	3,033,419	3,649,317	3,371,146	3,780,384	3,243,509
Percent Increase	Flocks	-5.78	+3.51	-.61	-15.84	-1.40	-19.7
or Decrease	Birds	-.04	+9.69	+20.3	-7.62	+12.14	-14.2
Av. No. Birds per Flock		764	809	980	1,075	1,223	1,306
U. S. Approved	Flocks	3,259	3,503	3,560	2,993	3,002	2,398
	Birds	2,437,398	2,889,858	3,546,237	3,240,068	3,663,911	3,094,584
	Per.	88.14	95.27	97.18	96.1	96.9	95.4
U. S. Certified	Flocks	47	90	22	5	6	3
	Birds	54,314	66,453	40,409	17,428	15,301	11,060
	Per.	1.96	2.19	1.10	.5	.4	.3
Pullorum Classes Only (no breeding stage)	Flocks	315	155	143	137	83	82
	Birds	273,663	77,108	62,671	113,650	101,172	137,865
	Per.	9.90	2.54	1.72	3.4	2.7	4.3
U. S. Pullorum-Typhoid Passed	Flocks	156	30	26	1		
	Birds	104,351	15,404	17,117	1,362		
	Per.	3.77	.51	.47	.04		
U. S. Pullorum-Typhoid Clean	Flocks	3,465	3,718	3,699	3,134	3,091	2,483
	Birds	2,661,024	3,018,015	3,632,200	3,369,784	3,780,384	3,243,509
	Per.	96.23	99.49	99.53	99.96	100.0	100.0
	No. Flocks	3,923	3,966	3,949	3,239	3,169	2,614
FIRST	No. Birds	2,918,037	3,310,470	3,828,755	3,509,580	3,940,033	3,510,154
TEST	No. Reactors	1,007	1,014	2,197	640	437	243
	Percent Reactors	0.03	0.03	.06	.02	.01	.007